

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050485.D
 Acq On : 9 Aug 2018 15:01
 Operator : MD\SY
 Sample : PB111888ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111888ZHE#01

Quant Time: Aug 10 05:26:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	853064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1340077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1136246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410745	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	549331	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	7.59	113	503129	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	10.09	98	1829061	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.40	95	508681	36.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.84%	

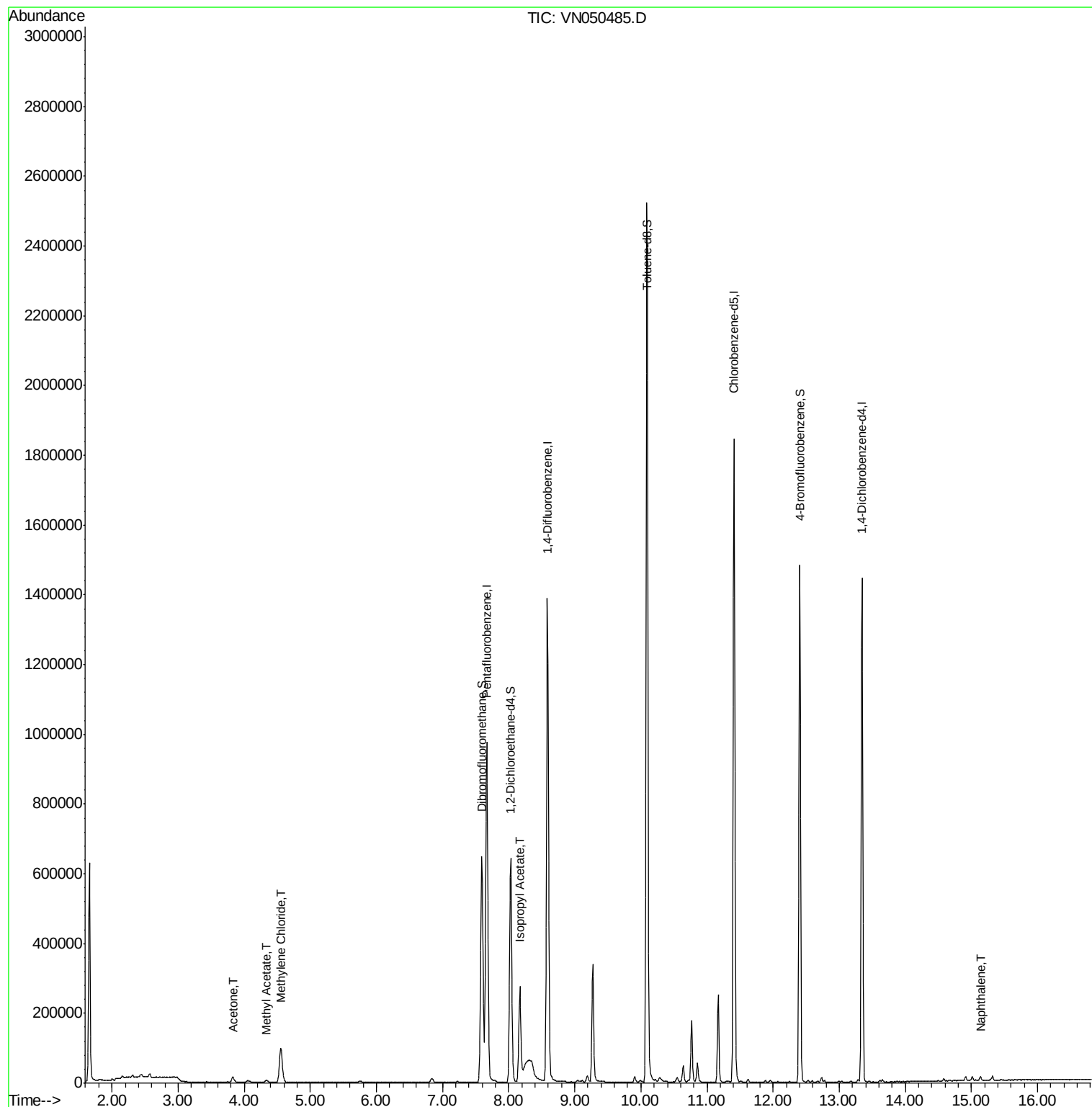
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	27088	7.62	ug/l	99
18) Methyl Acetate	4.34	43	13203	1.31	ug/l	97
20) Methylene Chloride	4.55	84	80514	6.39	ug/l	97
43) Isopropyl Acetate	8.17	43	325954	17.81	ug/l	99
95) Naphthalene	15.14	128	10200	4.10	ug/l	97

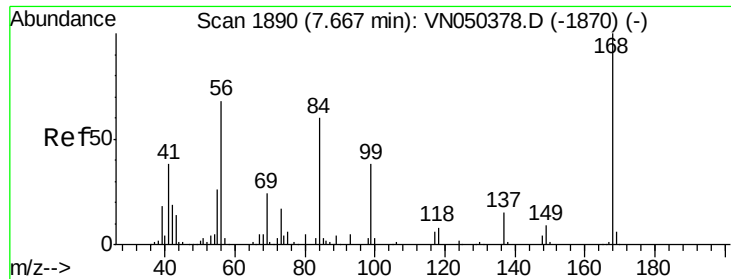
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050485.D

Acq: 9 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

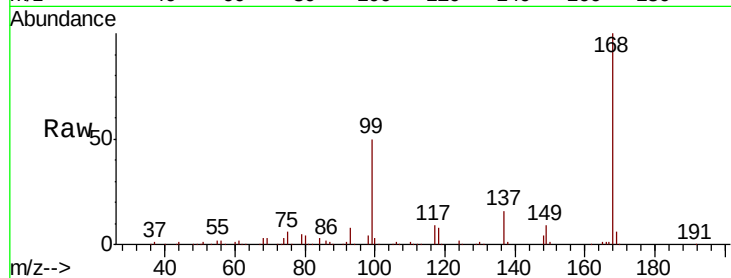
PB111888ZHE#01

Tot Ion:168 Resp: 853064

Ion Ratio Lower Upper

168 100

99 50.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

400000

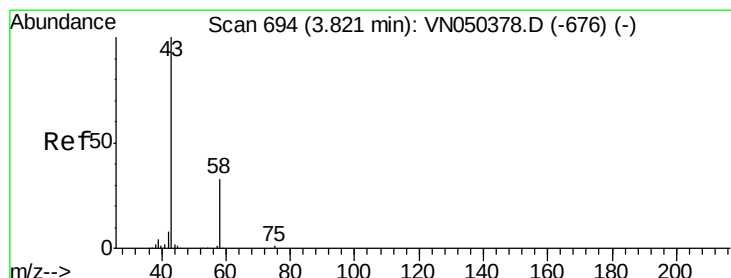
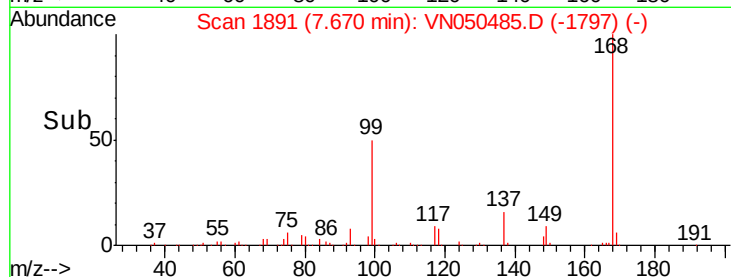
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.62 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050485.D

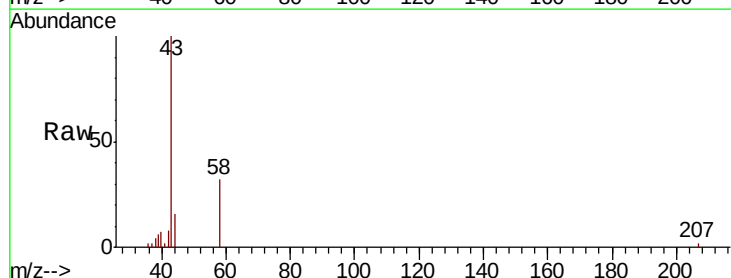
Acq: 9 Aug 2018 15:01

Tgt Ion: 43 Resp: 27088

Ion Ratio Lower Upper

43 100

58 31.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.82

10000

8000

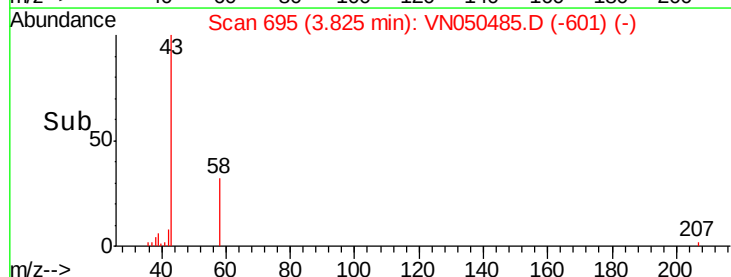
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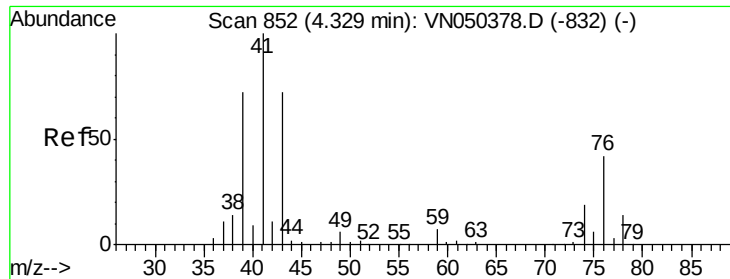
4000

2000

0

Time-->

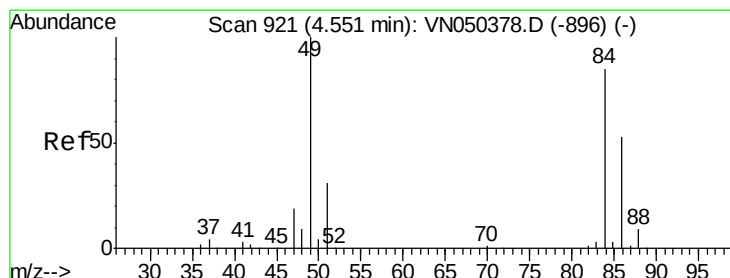
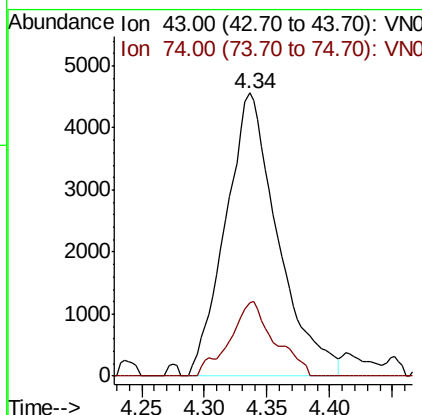
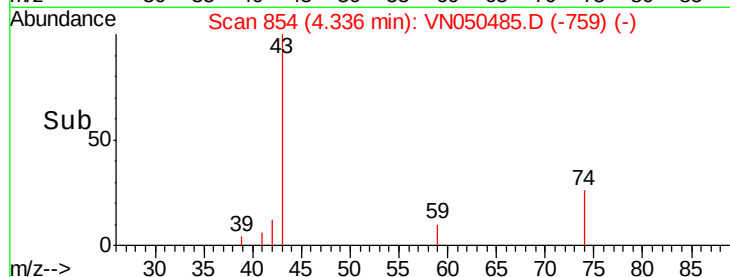
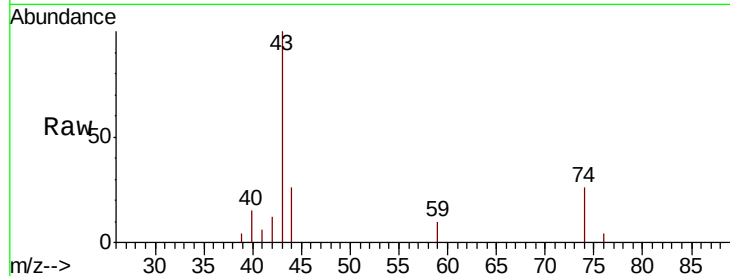




#18
Methyl Acetate
Concen: 1.31 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

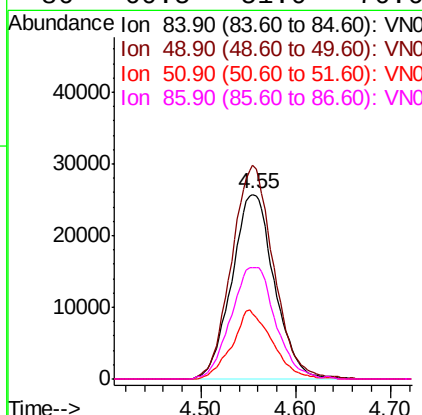
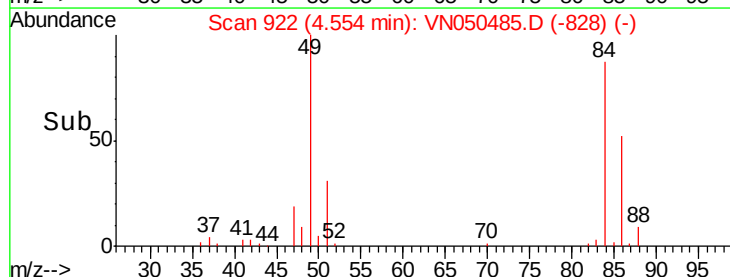
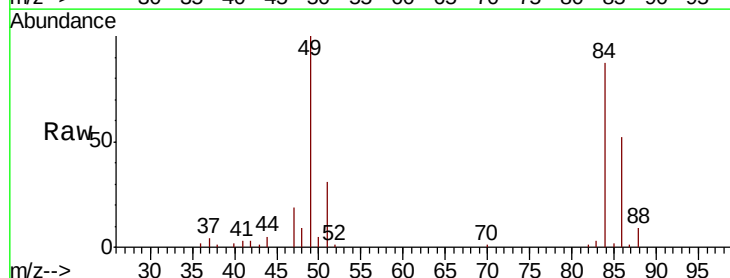
Instrument :
MSVOA_N
ClientSampleId :
PB111888ZHE#01

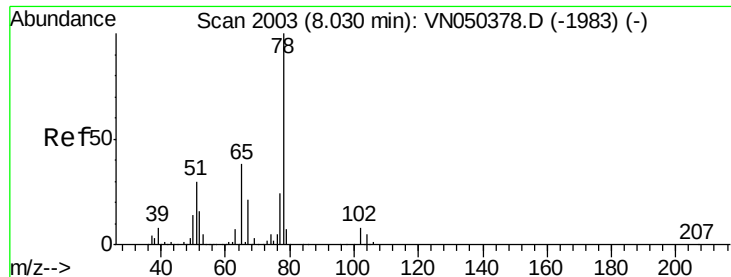
Tot Ion: 43 Resp: 13203
Ion Ratio Lower Upper
43 100
74 22.6 19.2 28.8



#20
Methylene Chloride
Concen: 6.39 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Tgt Ion: 84 Resp: 80514
Ion Ratio Lower Upper
84 100
49 115.6 94.8 142.2
51 35.3 28.3 42.5
86 60.5 51.0 76.6

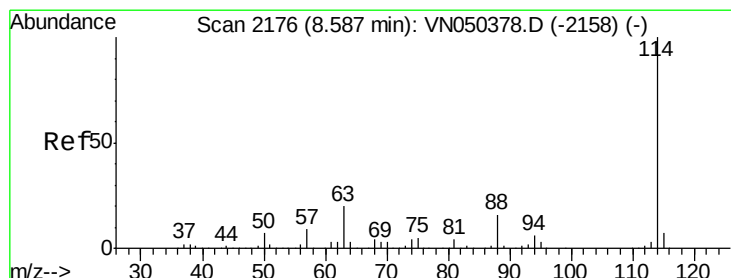
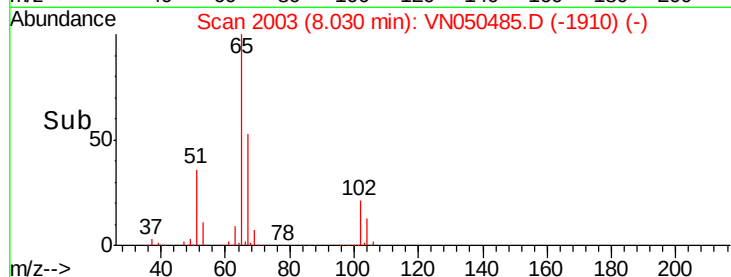
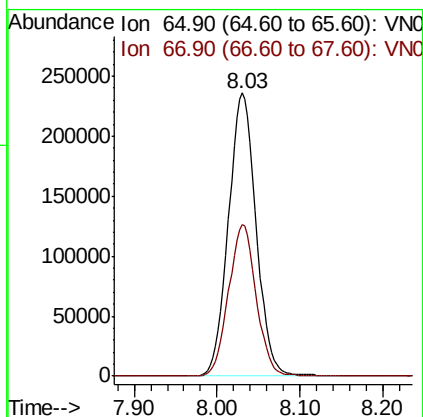
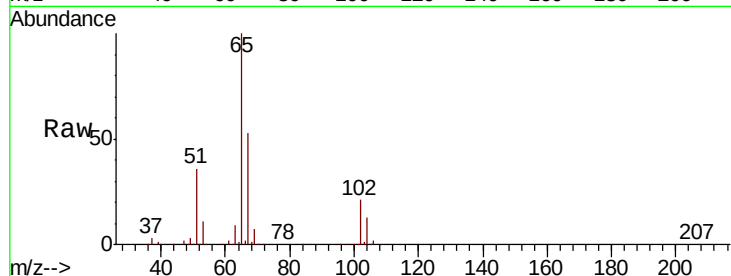




#33
 1,2-Dichloroethane-d4
 Concen: 48.20 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

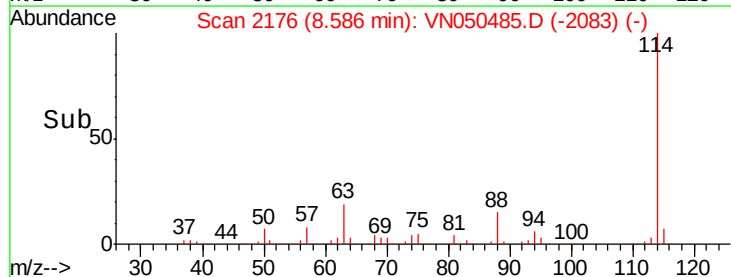
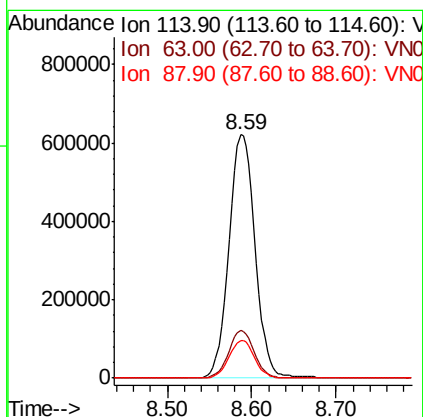
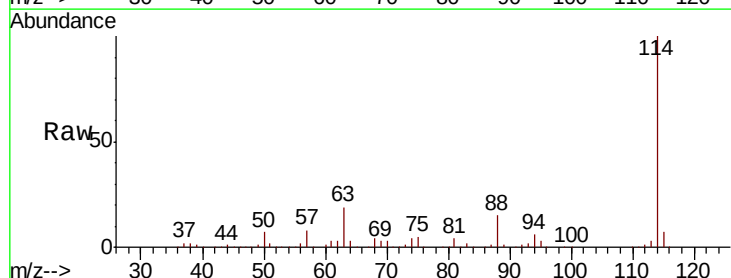
Instrument :
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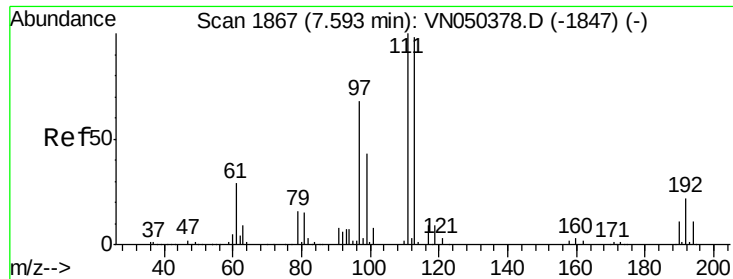
Tot Ion: 65 Resp: 549331
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

Tgt Ion: 114 Resp: 1340077
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.4 0.0 31.2

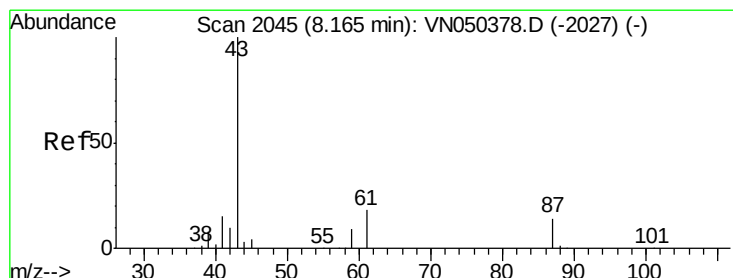
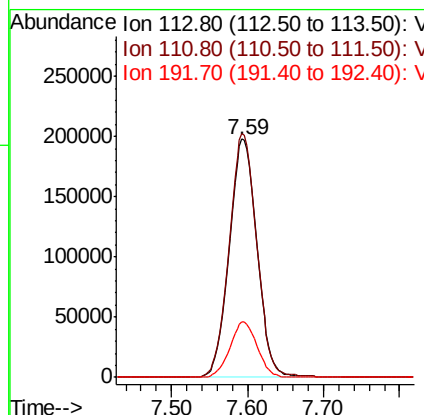
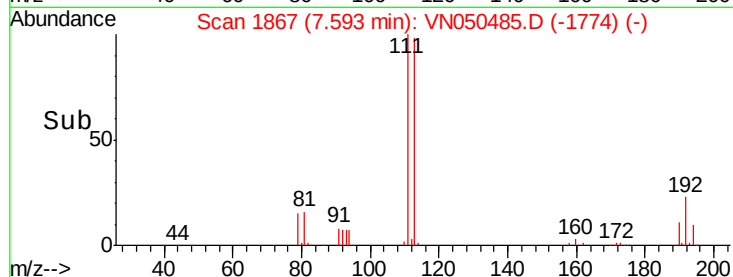
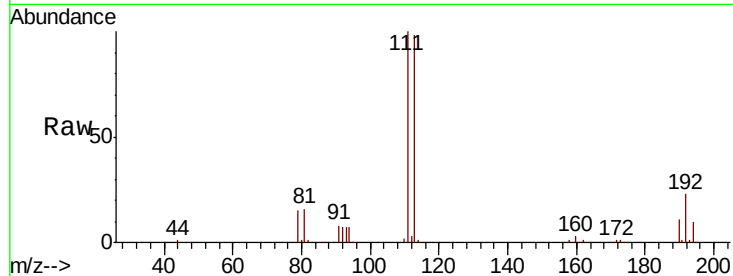




#35
 Dibromofluoromethane
 Concen: 46.79 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

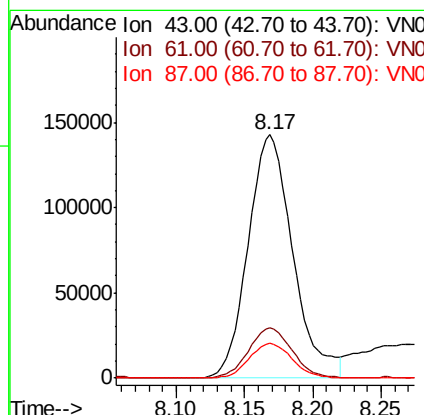
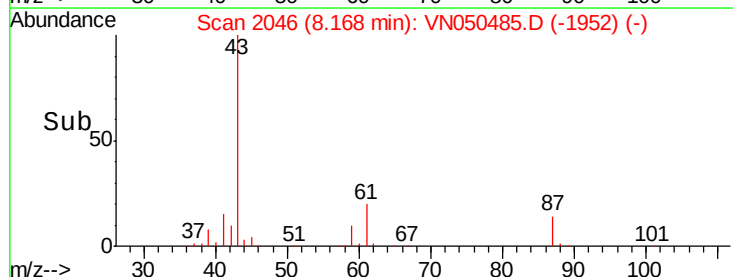
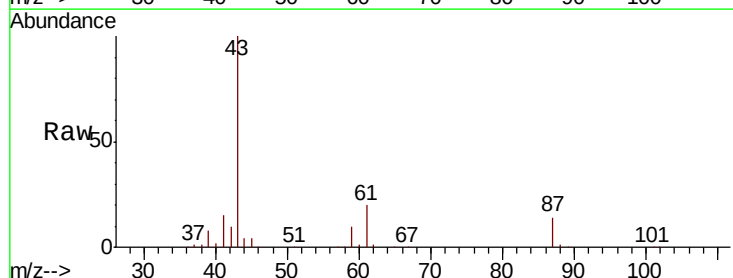
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111888ZHE#01

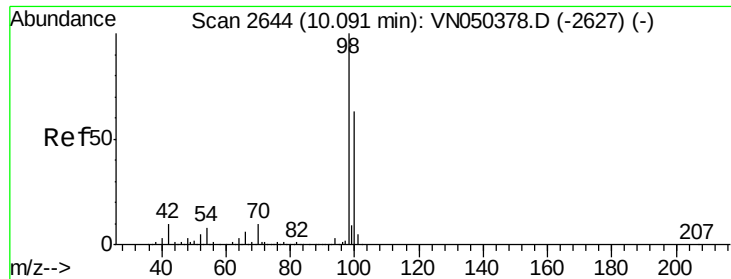
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	22.9	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 17.81 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.6
87	13.9	10.3	15.5

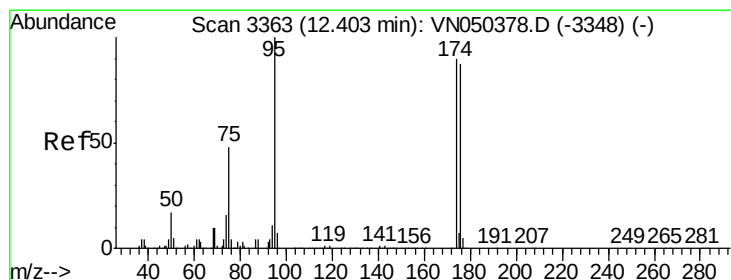
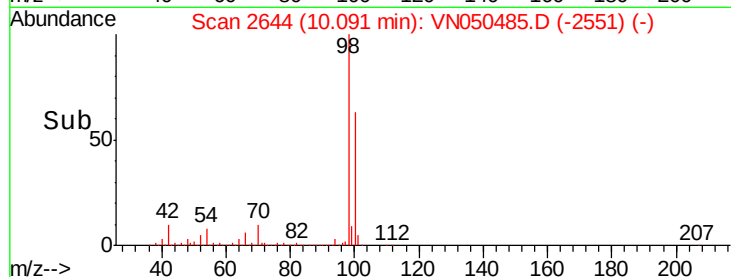
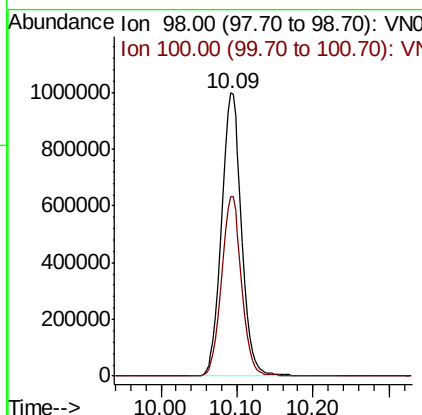
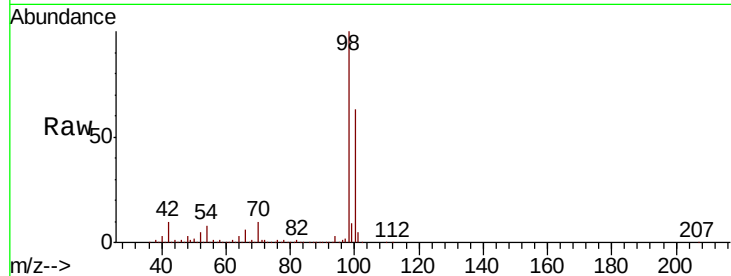




#50
Toluene-d8
Concen: 45.24 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

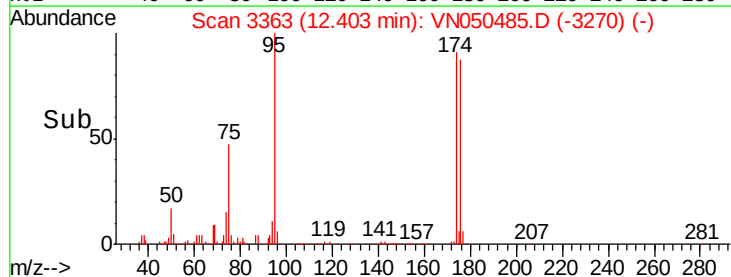
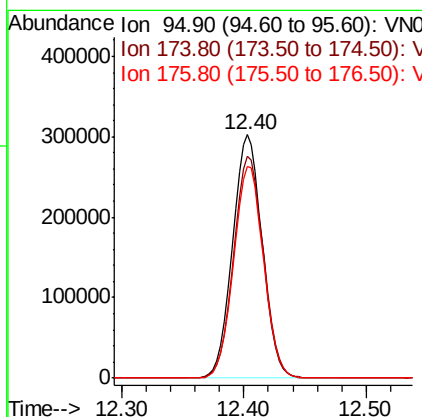
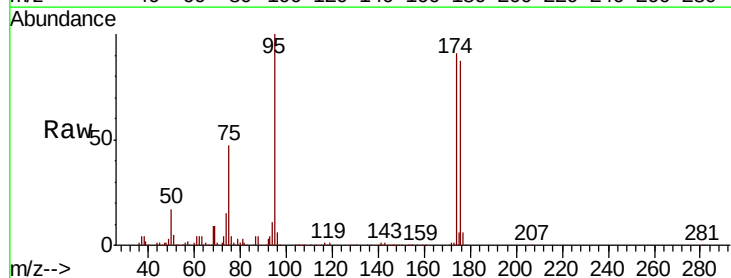
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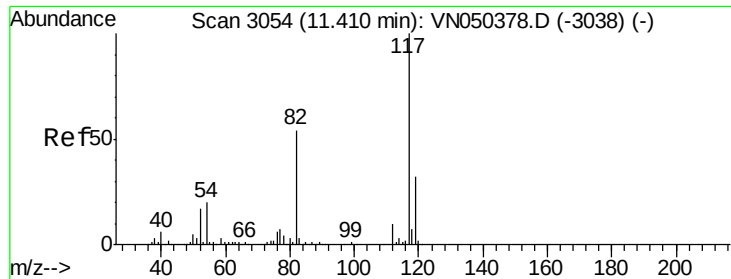
Tot Ion: 98 Resp: 1829061
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 36.92 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Tgt Ion: 95 Resp: 508681
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 87.9 0.0 173.4

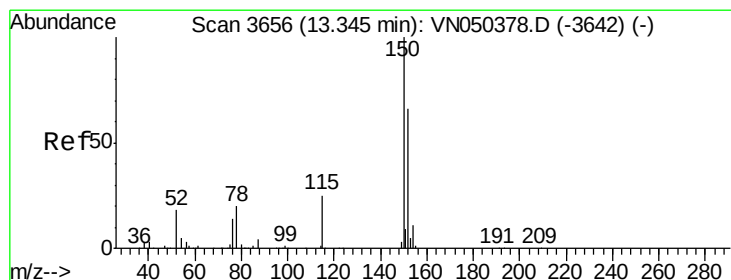
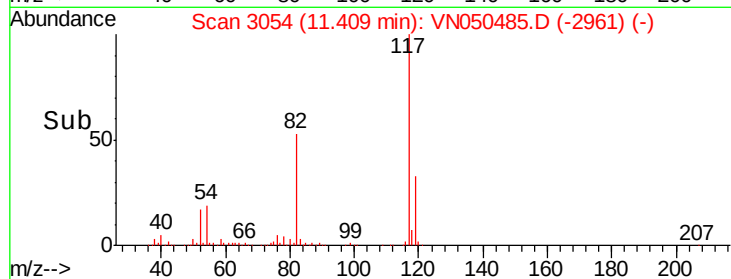
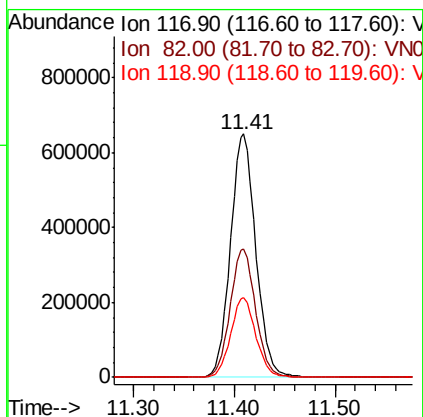
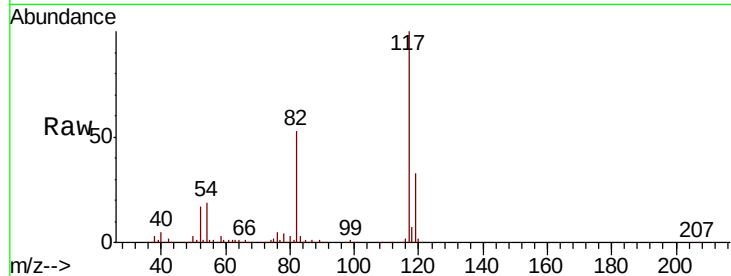




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

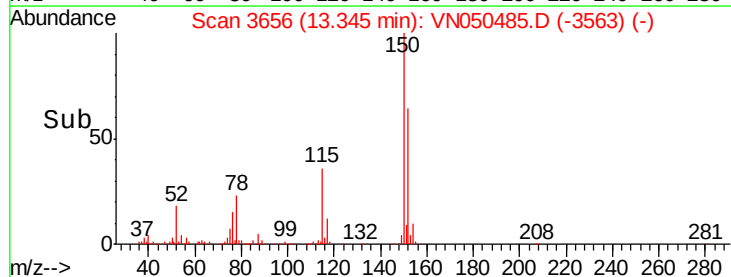
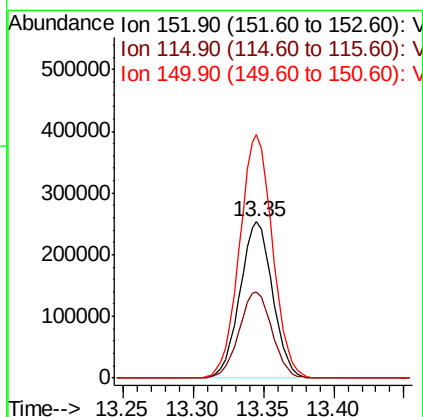
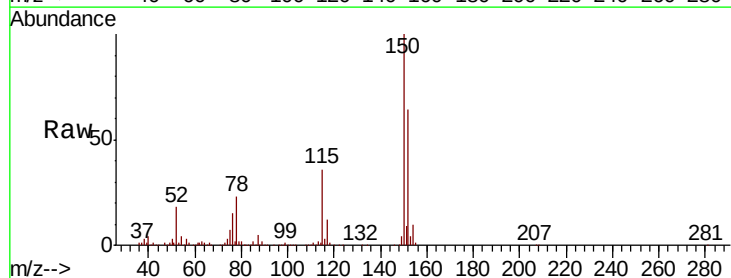
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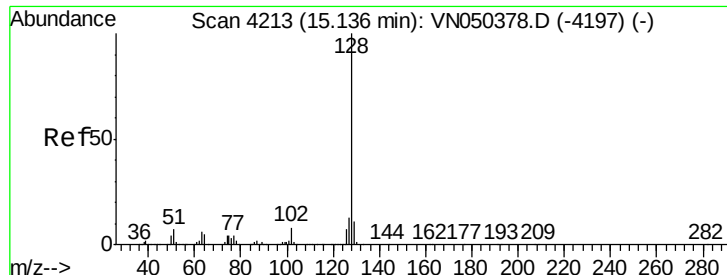
Tot Ion:117 Resp: 1136246
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050485.D
Acq: 9 Aug 2018 15:01

Tgt Ion:152 Resp: 410745
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.3
150 156.9 0.0 348.6





#95
 Naphthalene
 Concen: 4.10 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050485.D
 Acq: 9 Aug 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111888ZHE#01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	12.3	8.8	13.2

